

AUTOMATIC PAGE TURNER WITH BELT DRIVE ELEMENT

ABSTRACT

5 An apparatus for turning bound pages, the apparatus having
a frame; a book support assembly coupled to the frame; at least
one pickup arm coupled to the frame; a motor assembly coupled to
the frame; and a conveyor assembly coupled to the frame. The
conveyor assembly has a belt; a plurality of fingers coupled to
the belt; and at least one actuator coupled to the belt. A
10 subset of the plurality of fingers hold the book in an open
condition. Upon rotation of the belt by the motor assembly, the
at least one actuator causes the at least one pickup arm to lift
a portion of a page while a subset of the plurality of fingers
hold the bound pages in an open condition and turn the lifted
15 page.